07-13-01

PTO/SB/05 (08-00) Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to resp	and to a collection of information	unless it displays a valid OMB control number.
UTILITY	Attorney Docket No.	9925/34713
PATENT APPLICATION	First Inventor	Patrick Toomey
TRANSMITTAL	Title System & Meth	ods for Detecting Fault in Structure

JC81

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Ψ (Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. EL617584395US Assistant Commissioner for Pater APPLICATION ELEMENTS ADDRESS TO: ⇒'S Box Patent Application Washington, DC 20231 See MPEP chapter 600 concerning utility patent application contents Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) (Submit an original and a displicate for fee processing) Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) [Total Pages 35] Computer Readable Form (CRF) Specification 3. X - Descriptive title of the invention b. Specification Sequence Listing on: - Cross Reference to Related Applications i. CD-ROM or CD-R (2 copies); or - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, ii. Doaper or a computer program listing appendix Statements verifying identity of above copies - Background of the Invention ACCOMPANYING APPLICATION PARTS Brief Summary of the Invention - Brief Description of the Drawings (if filed) Assignment Papers (cover sheet & document(s)) - Detailed Description :Ü 37 CFR 3.73(b) Statement - Claim(s) C - Abstract of the Disclosure (when there is an assignee) Attorney English Translation Document (if applicable) 4 X Drawing(s) (35 U.S.C. 113) [Total Sheets 24] Copies of IDS Information Disclosure Citations 5. Oath or Declaration Statement (IDS)/PTO-1449 Newly executed (original or copy)
Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 17 completed) Preliminary Amendment a Return Receipt Postcard (MPEP 503) (Should be specifically itemized) Certified Copy of Priority Document(s) (if foreign priority is claimed) DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 16 Other: 1.63(d)(2) and 1.33(b). 6. X Application Data Sheet. See 37 CFR 1.76 認 If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, be in an Application Data Sheet under 37 CFR 1.76: of prior application No.:____ Continuation-in-part (CIP) Divisional Continuation Group / Art Unit: _ For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS Correspondence address below 24728 Customer Number or Ber Code Label ert Customer No. or Attach ber code lebel here, Name Address State Zip Code City Telephone Country 34,633 Registration No. (Attorney/Agent) Jon M. Jurgovan Name (Print/Type) 7/12/01 Date Signature

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any con the amount of lime you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.



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FEE TRANSMITTAL for FY 2001	Complete if Known			
	Application Number			
	Filing Date	7/12/01		
	First Named Inventor	Patrick Toomey		
Patent fees are subject to	annual re	vision.	Examiner Name	
Paten 1965 are saujour to annual terrain	Group Art Unit			
TOTAL AMOUNT OF PAYMENT	(\$)	1,012	Attorney Docket No.	9925/34713

METHOD OF PAYMENT	FEE CALCULATION (continued)			
The Commissioner is hereby authorized to charge	3. ADDITIONAL FEES			
indicated fees and credit any overpayments to: Deposit	Large Entity Small Entity Fee Fee Fee Fee Fee Fee Description	Fee Paid		
Account Number	Code (\$) Code (\$) 105 130 205 65 Surcharge - late filing fee or oath			
Deposit	100 100 200 1			
Account Name	127 50 227 25 Surcharge - late provisional filing fee or cover sheet			
Charge Any Additional Fee Required	139 130 139 130 Non-English specification			
Under 37 CFR 1 16 and 1.17	147 2,520 147 2,520 For filing a request for ex parte reexamination			
Applicant claims small entity status. See 37 CFR 1.27	112 920* 112 920* Requesting publication of SIR prior to Examiner action			
2. X Payment Enclosed:	113 1 840* 113 1.840* Requesting publication of SIR after			
Check Credit card Money Other	Examiner action			
FEE CALCULATION	115 110 215 55 Extension for reply within first month			
1. BASIC FILING FEE	116 390 216 195 Extension for reply within second month			
Large Entity Small Entity	117 890 217 445 Extension for reply within third month 118 1,390 218 695 Extension for reply within fourth month			
Fee Fee Fee Fee Description Code (\$) Code (\$)				
1.101 710 201 355 Utility filing fee 355	120 1,000 220 012			
106 320 206 160 Design filing fee	110 010 010			
107 490 207 245 Plant filing fee	120 310 220 155 Filing a brief in support of an appear 121 270 221 135 Request for oral hearing			
108 710 208 355 Reissue filing fee	138 1,510 138 1,510 Petition to institute a public use proceeding			
114 150 214 75 Provisional filing fee	140 110 240 55 Petition to revive - unavoidable			
subtotal (1) (\$) 355	14.1 1.240 241 620 Petition to revive - unintentional			
2 EXTRA CLAIM FEES	142 1,240 242 620 Utility issue fee (or reissue)			
	143 440 243 220 Design issue fee			
Extra Claims below Fee Paid Total Claims 93 -20** = 73 X 9 = 657	144 600 244 300 Plant issue fee			
Independent -3** = 0 x = 0	122 130 122 130 Petitions to the Commissioner			
Claims Multiple Dependent = 0	123 50 123 50 Petitions related to provisional applications			
	126 240 126 240 Submission of Information Disclosure Stmt			
³ Large Entity Small Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	581 40 581 40 Recording each patent assignment per property (times number of properties)			
Code (\$) Code (\$) 1,03 18 203 9 Claims in excess of 20	146 710 246 355 Filing a submission after final rejection (37 CFR § 1.129(a))			
102 80 202 40 Independent claims in excess of 3	149 710 249 355 For each additional invention to be	1		
104 270 204 135 Multiple dependent claim, if not paid	examined (37 CFR § 1.129(b))			
109 80 209 40 ** Reissue independent claims over original patent	179 710 279 355 Request for Continued Examination (RCE)	-		
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	169 900 169 900 Request for expedited examination of a design application			
(\$) 6E7	Other fee (specify)			
SUBIOTAL (2)	Performed by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0			
**or number previously paid, if greater; For Reissues, see above				

SUBMITTED BY (404) 504-7652 34,633 Telephone Name (Print/Type) Jon M. Jurgovan //pogovan 7/12/01 Date Signature

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